

FIG.1

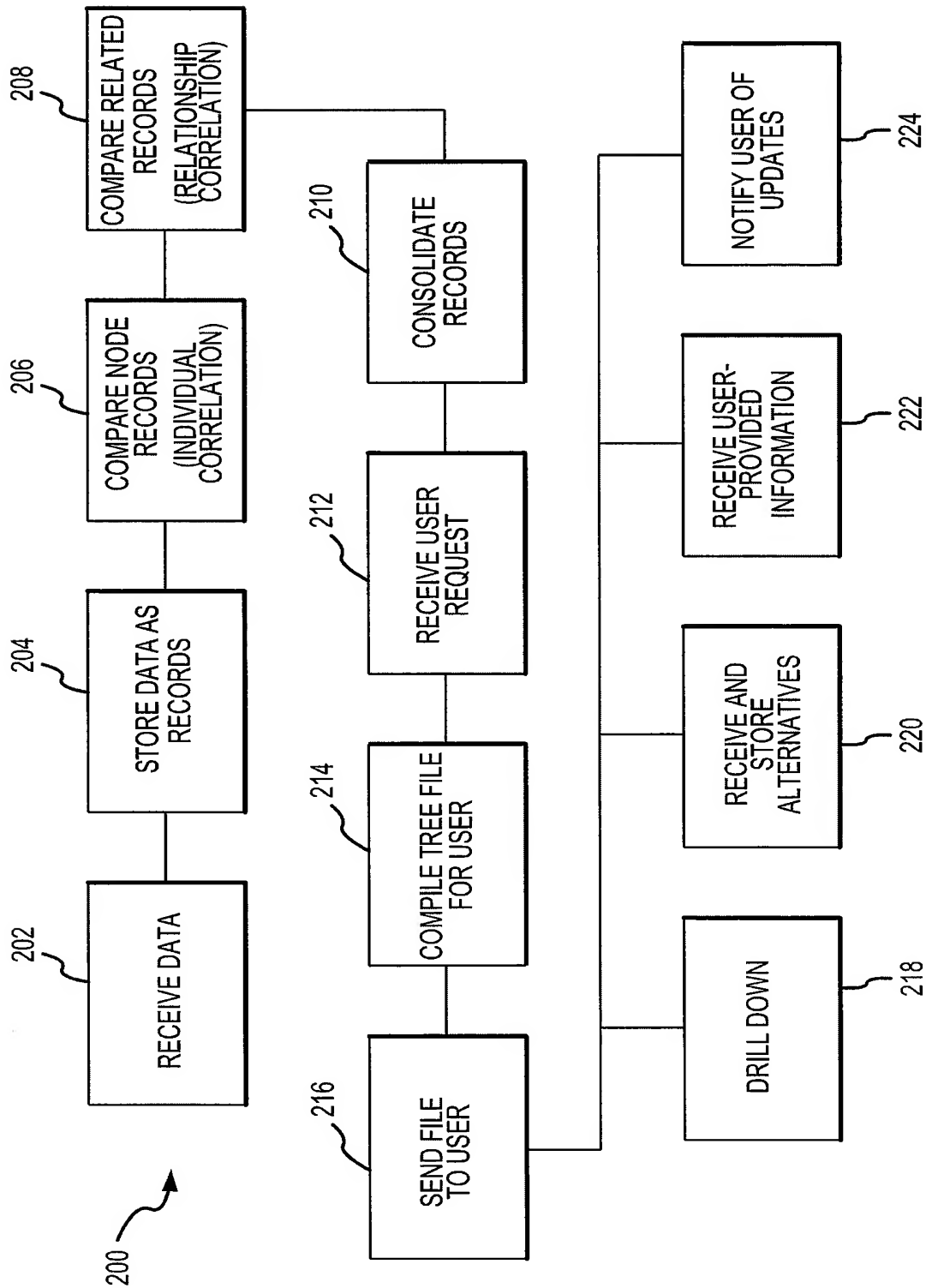


FIG. 2A

RELATIONSHIP CORRELATION ALGORITHM

THE FOLLOWING ALGORITHM IS USED TO ADJUST THE SCORE OF AN INDIVIDUAL COMPARISON TO ANOTHER INDIVIDUAL AS DETERMINED DURING INDIVIDUAL CORRELATION BY TAKING INTO ACCOUNT THE COMPARISON SCORES OF RELATED INDIVIDUALS.

$$P(s|f,m) = \frac{P(f)P(m)P(s)}{P(f)P(m)P(s) + P(f)P(m)P(s')}$$

WHERE

FROM INDIVIDUAL CORRELATION

$$P(s) = I(1-1) = I(2-1)$$

$$P(f) = I(1-2) = I(2-2)$$

$$P(m) = I(1-3) = I(2-3)$$

RELATIONSHIP CORRELATION FACTOR

$$P(s') = 1 - P(s)$$

$$P(f') = 1 - P(f)$$

$$P(m') = 1 - P(m)$$

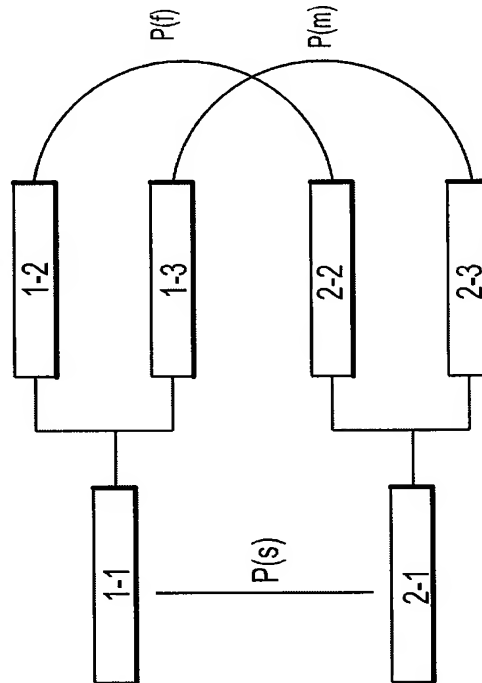


FIG. 2B

John William Jefferson				
AKA: John Jefferson				
Birth/Death				
Birth	03 Dec 1870	Lineville Ia. Mercer County Mo.		
Death	09 Aug 1951	Cannon City Fremont County Co		
Alternate Birth/Death				
Birth	03 Dec 1870	Lineville, Mercer Co., MO		
Death	09 Aug 1951	Del Norte, Rio Grande Co., CO		
Relationships				
Spouse:	Dora Jane Grisamore			
Father:	Henry Harrison Jefferson			
Mother	Mary Elizabeth Thomas			
Alternate Relationships				
Spouse	DoraJane Grisamore			
Father	Henry Jefferson			
Mother				
Sources:				
AWT	ejeffers	1012		
	a14243	19571		
	2684682	14387		
1880	1			

FIG.2C

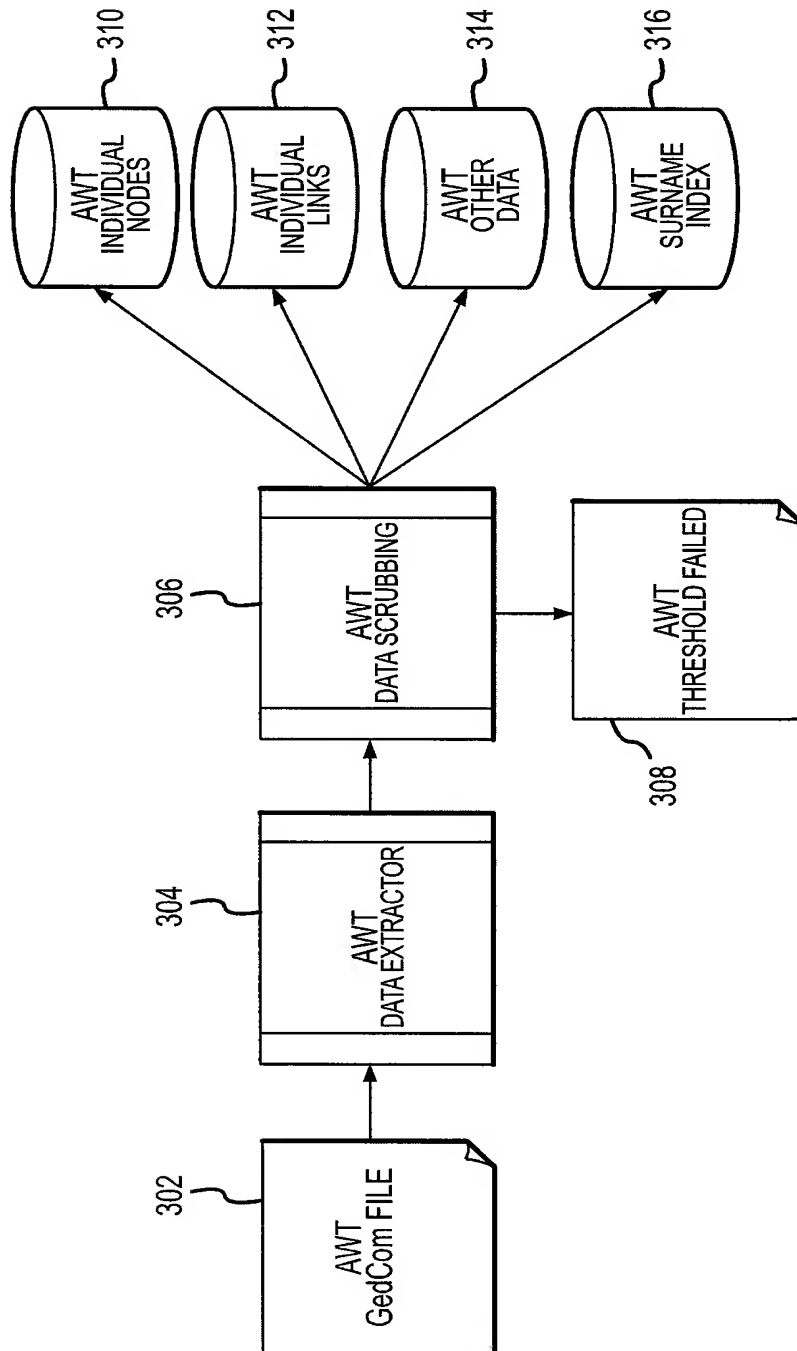


FIG.3A

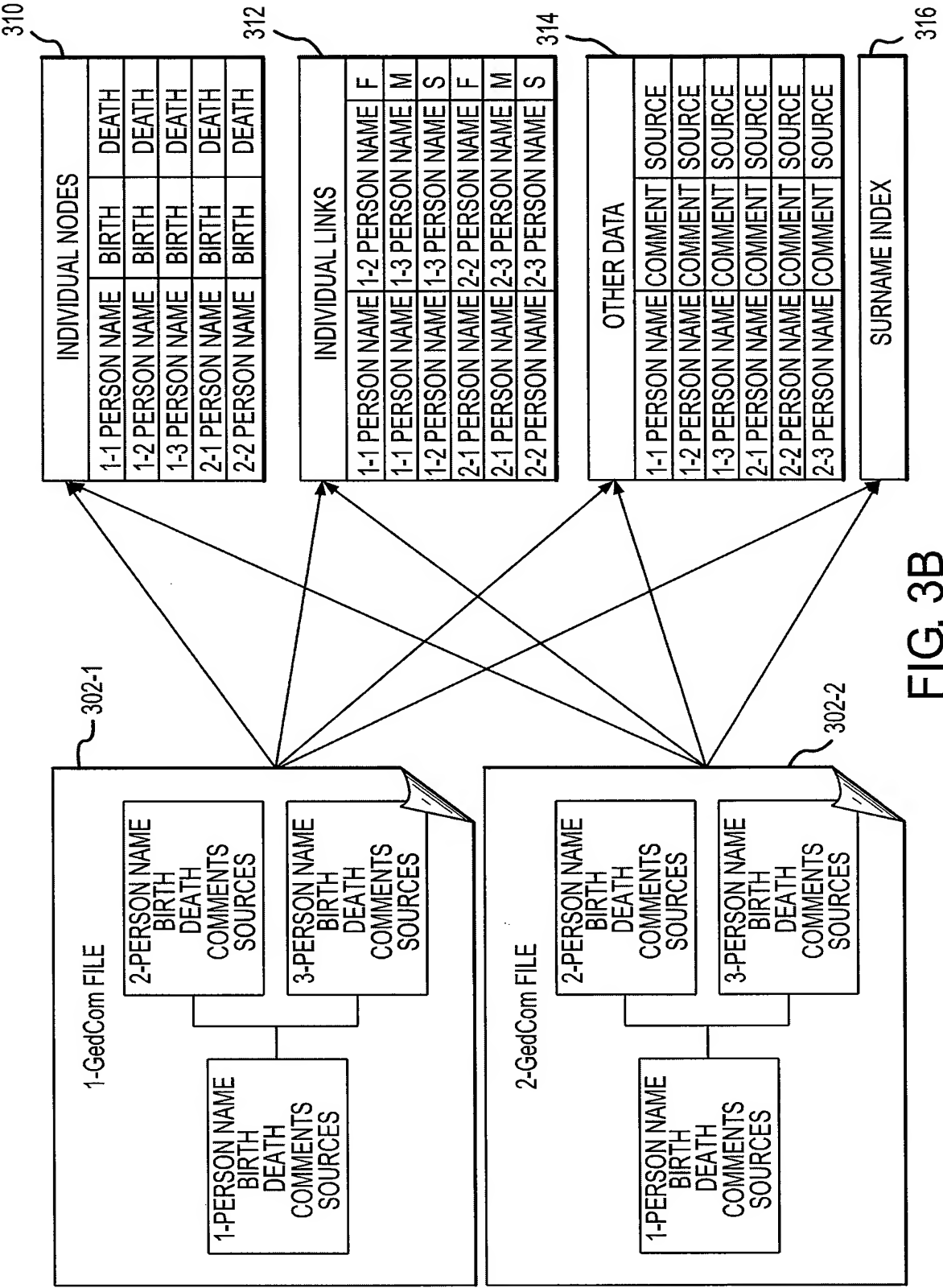


FIG. 3B

Family Trees has 3 matches for: John Jefferson > <u>What is the meaning of this name?</u>				
Name	Birth Date	Birthplace	Father(F)/ Mother(M)	Spouse(s)
<u>Jefferson, John William</u>	3 DEC 1870	Lineville Ia. Mercer County Mo.	F: Henry Harrison Jefferson M: <u>Mary Elizabeth Thomas</u>	S: <u>Dora Jane Grisamore</u>
<u>Jefferson, John William</u>	3 DEC 1870	Lineville, Mercer Co., Mo.	F: Henry Harrison Jefferson M: <u>Mary Elizabeth Thomas</u>	S: <u>Dora Jane Grisamore</u>
<u>Jefferson, John William</u>	3 DEC 1870	Lineville, Mercer Co., Mo.	F: Henry Harrison Jefferson M: <u>Mary Elizabeth Thomas</u>	S: <u>Dora Jane Grisamore</u>

302

FIG.3C

Individual Nodes						
Node ID	DB	ID	Name	Birth	Birth Place	Death Place
1	ejfeff	1012	John William Jefferson	03 Dec 1870	Lineville Ia, Mercer County Mo.	09 Aug 1951 Cannon City Fremont County Co.
2	a14243	19571	John William Jefferson	03 Dec 1870	Lineville, Mercer Co., MO	09 Aug 1951 Del Norte, Rio Grande Co., CO
3	2684682	14387	John William Jefferson	03 Dec 1870	Lineville, Mercer Co., MO	09 Aug 1951 Del Norte, Rio Grande Co., CO
4	ejfeff	1083	Dora Jane Grisamore	11 APR 1875	Lineville Ia, Mercer County Mo.	04 Feb 1946 Cannon City Fremont County Co.
5	a14243	19572	Dora Jane Grisamore	11 APR 1875	Lineville, Mercer Co., MO	04 Feb 1946 Canon City, Pueblo Co. CO
6	2684682	14387	Dora Jane Grisamore	11 APR 1875	Lineville, Mercer Co., MO	04 Feb 1946 Canon City, Pueblo Co. CO
7	ejfeff	1010	Henry Harrison Jefferson	4 MAR 1841	Licking Ohio	19 Apr 1916 Mercer County MO.
8	a14243	19568	Henry Harrison Jefferson	4 MAR 1841	Greenfield, Licking Co., OH	19 Apr 1916 Mercer Co., MO
9	2684682	14383	Henry Harrison Jefferson	4 MAR 1841	Greenfield, Licking Co., OH	19 Apr 1916 Mercer Co., MO
10	ejfeff	1011	Mary Elizabeth Thomas	27 APR 1849	West Va	21 Aug 1931 Lineville Iowa
11	a14243	19567	Mary Elizabeth Thomas	27 APR 1849	Wheeling, Monongalia Co., VA	21 Aug 1931 Monte Vista, Rio Grande Co., CO
12	2684682	14382	Mary Elizabeth Thomas	27 APR 1849	Wheeling, Monongalia Co., VA	21 Aug 1931 Monte Vista, Rio Grande Co., CO

Individual Links			
Link ID	DB 1	ID 1	Relation
1	ejfeff	1012	S
2	a14243	19571	S
3	2684682	14387	S
4	ejfeff	1012	F
5	a14243	19571	F
6	2684682	14387	F
7	ejfeff	1012	M
8	a14243	19571	M
9	2684682	14387	M

Surname Index	
Surname	Count
Jefferson	6
Grisamore	3
Thomas	3

FIG.3D

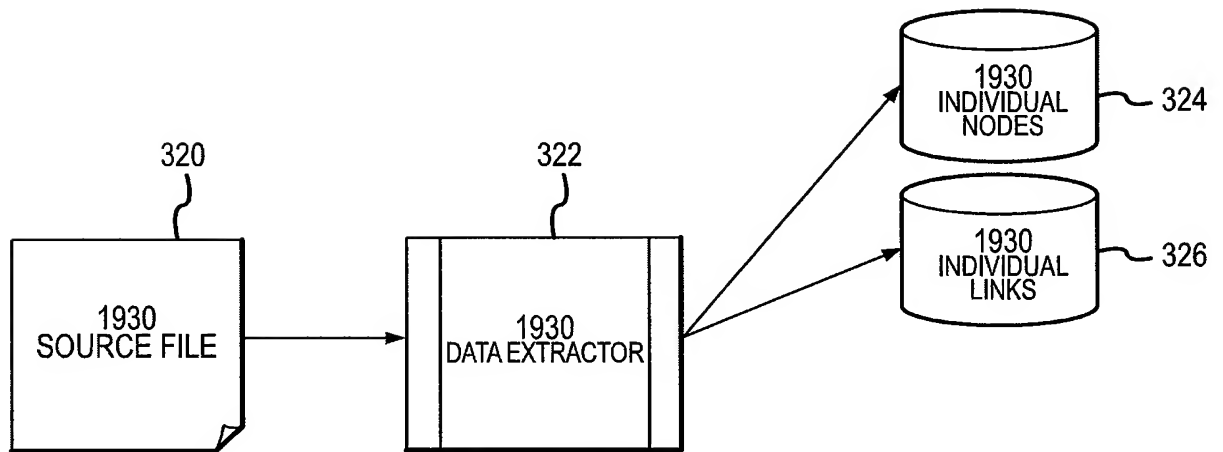


FIG.3E

1880 U.S. Federal Census record for: John JEFFERSON	
<div style="text-align: right;">320</div> <div><Search results</div>	
Personal Information	
Name:	John JEFFERSON
Age:	9
Estimated birth year:	<1871>
Birthplace:	Missouri
Relation:	Son
Home in 1880:	Sommerset, Mercer, Missouri
Occupation:	
Marital status.:	Single
Race:	White
Gender:	Male
Head of household:	Henry JEFFERSON
Father's birthplace:	OH
Mother's birthplace:	---
Cannot read/write:	View image
Blind:	View image
Deaf and dumb:	View image
Otherwise disabled:	View image
Idiotic or insane?:	View image

FIG.3F

324

Individual Nodes						
NodeID	DB	ID	Name	Birth	Birth Place	Death Place
1	1880	1	John Jefferson	1871	Missouri	09 Aug 1951 Cannon City Fremont County Co.
2	1880	2	Henry Jefferson	1842	Ohio	09 Aug 1951 Del Norte Rio Grande Co., CO

326

Individual Links			
Link ID	ID 1	ID 2	Relation
1	1880	1	F

FIG.3G

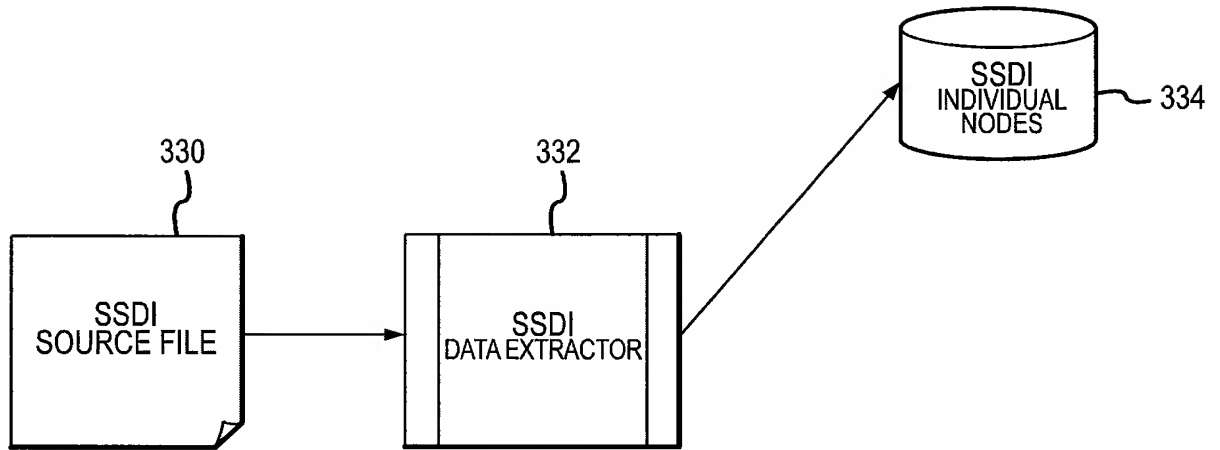


FIG.3H

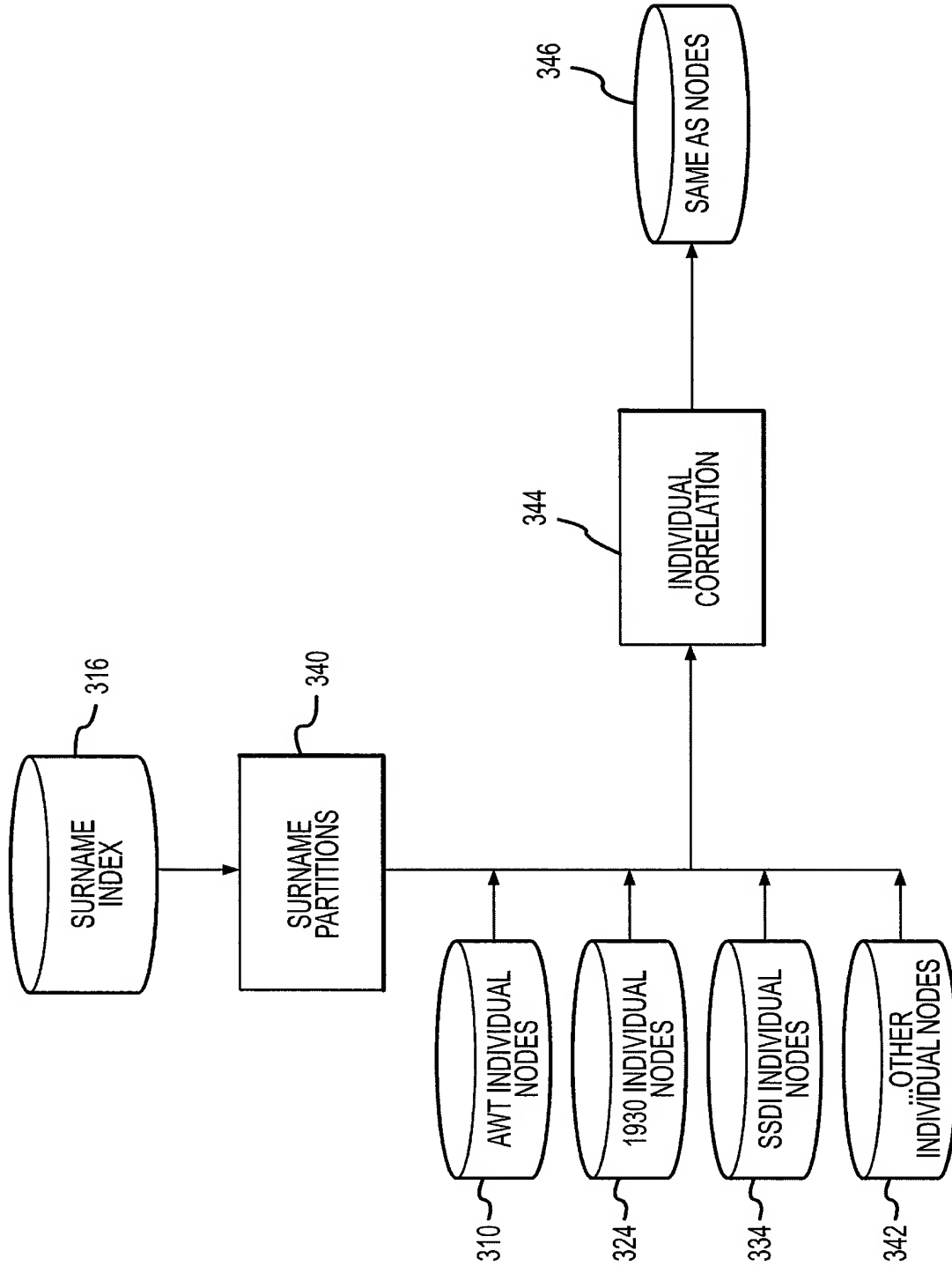


FIG.31

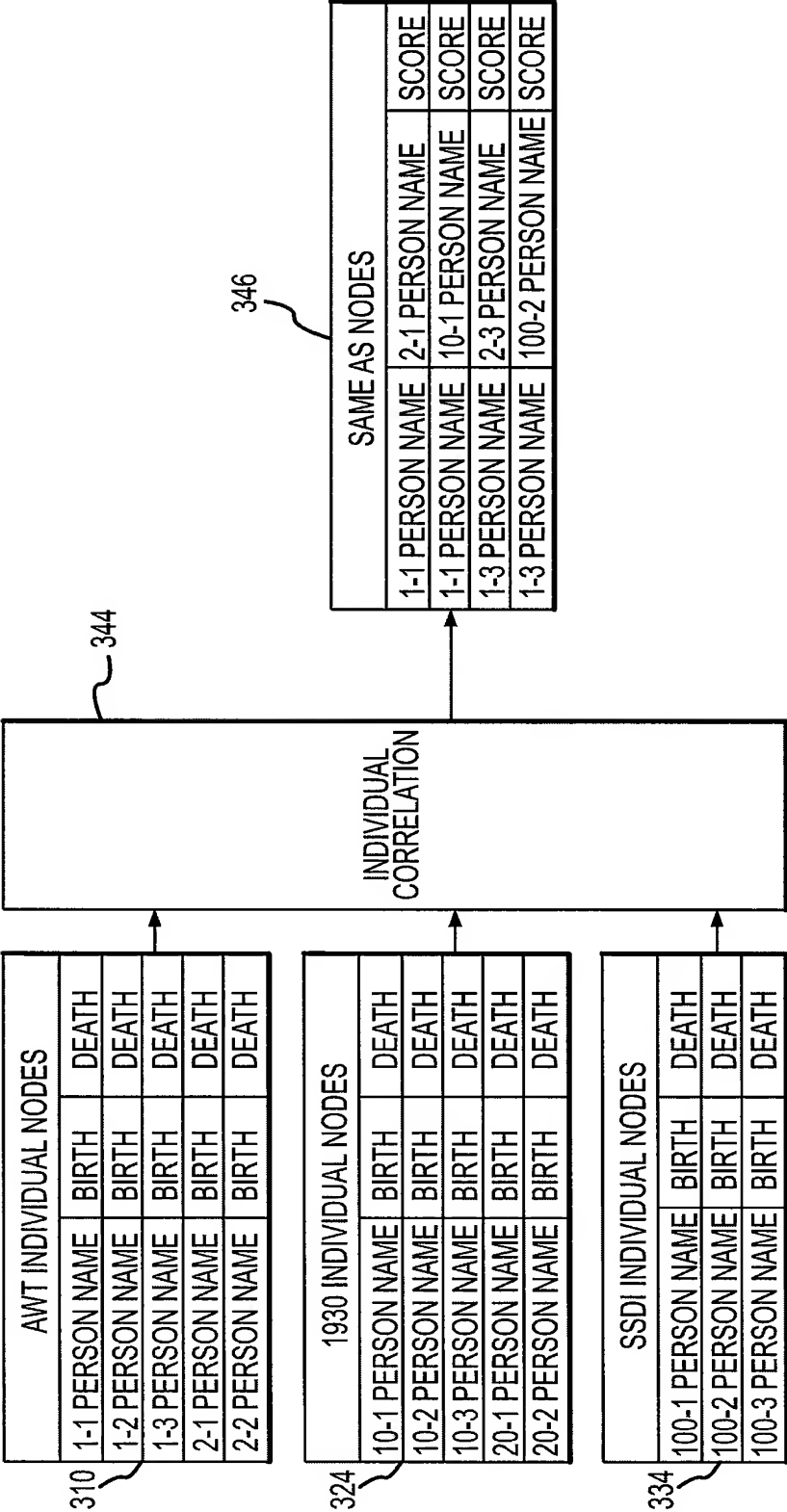


FIG.3J

310

Individual Nodes						
Node ID	DB	ID	Name	Birth	Birth Place	Death
1	eflfer	1012	John William Jefferson	03 Dec 1870	Lineville la, Mercer County Mo.	09 Aug 1951
2	a14243	19571	John William Jefferson	03 Dec 1870	Lineville, Mercer Co., MO	09 Aug 1951
3	2684682	14387	John William Jefferson	03 Dec 1870	Lineville, Mercer Co., MO	09 Aug 1951
4	eflfer	1083	Dora Jane Grisamore	11 APR 1875	Lineville la, Mercer County Mo.	04 Feb 1946
5	a14243	19572	Dora Jane Grisamore	11 APR 1875	Lineville, Mercer Co., MO	04 Feb 1946
6	2684682	14387	Dora Jane Grisamore	11 APR 1875	Lineville, Mercer Co., MO	04 Feb 1946
7	eflfer	1010	Henry Harrison Jefferson	4 MAR 1841	Licking Ohio	19 Apr 1916
8	a14243	19568	Henry Harrison Jefferson	4 MAR 1841	Greenfield, Licking Co., OH	19 Apr 1916
9	2684682	14383	Henry Harrison Jefferson	4 MAR 1841	Greenfield, Licking Co., OH	19 Apr 1916
10	eflfer	1011	Mary Elizabeth Thomas	27 APR 1849	West Va	21 Aug 1931
11	a14243	19567	Mary Elizabeth Thomas	27 APR 1849	Wheeling, Monongalia Co., VA	21 Aug 1931
12	2684682	14382	Mary Elizabeth Thomas	27 APR 1849	Wheeling, Monongalia Co., VA	21 Aug 1931

Individual Nodes						
NodeID	DB	ID	Name	Birth	Birth Place	Death
1	1880	1	John Jefferson	1871	Missouri	09 Aug 1951
2	1880	2	Henry Jefferson	1842	Ohio	09 Aug 1951

Same As Nodes - Correlated Individuals					
Corr ID	DB 1	ID 1	ID 2	ID 2	Score
1	eflfer	1012	a14243	19571	1.0
2	eflfer	1012	2684682	14387	0.8
3	a14243	19571	2684682	14387	1.0
4	eflfer	1012	1880	1	0.7
5	a14243	19571	1880	1	0.6
6	2684682	14387	1880	1	0.8

FIG.3K

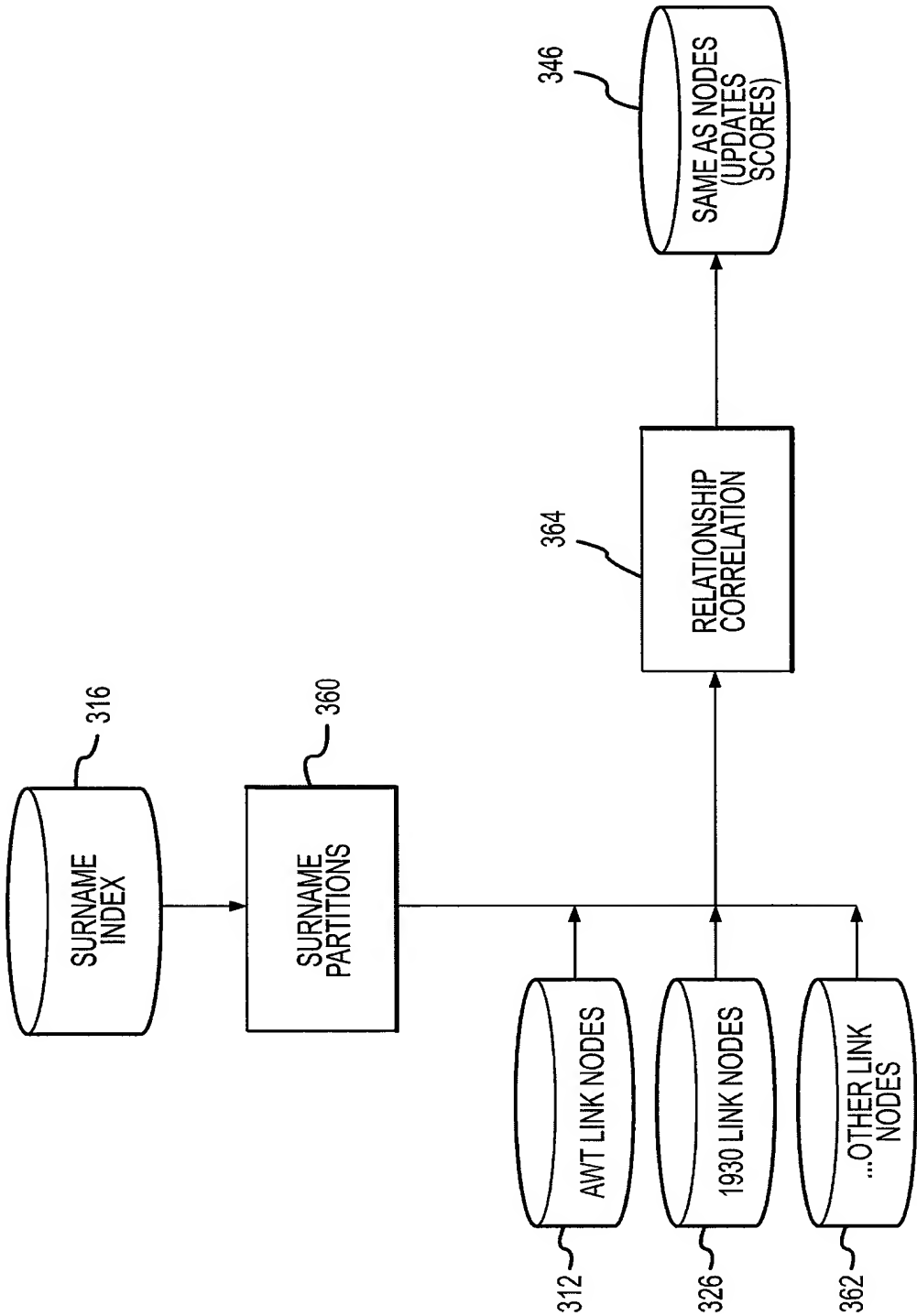


FIG.3L

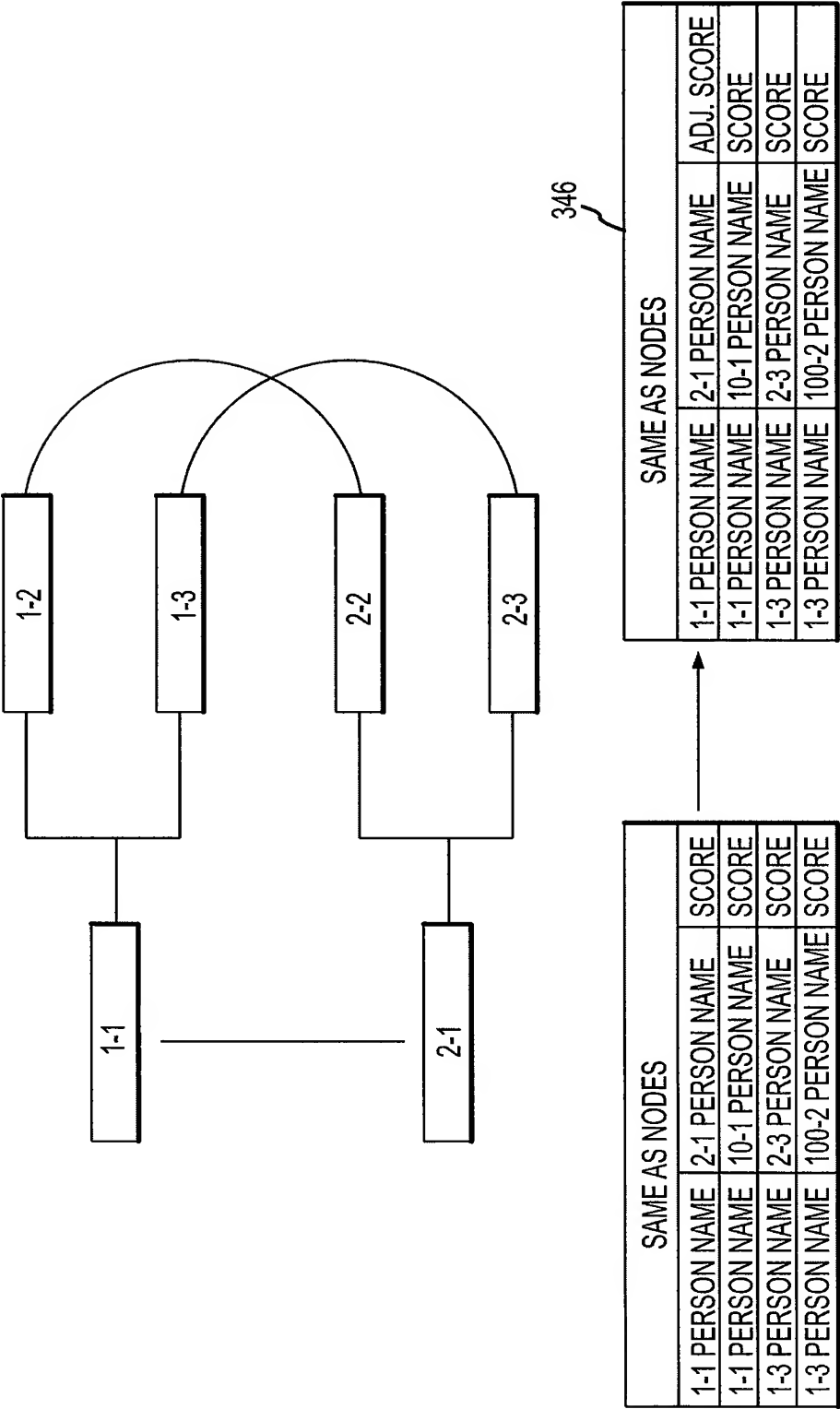


FIG.3M

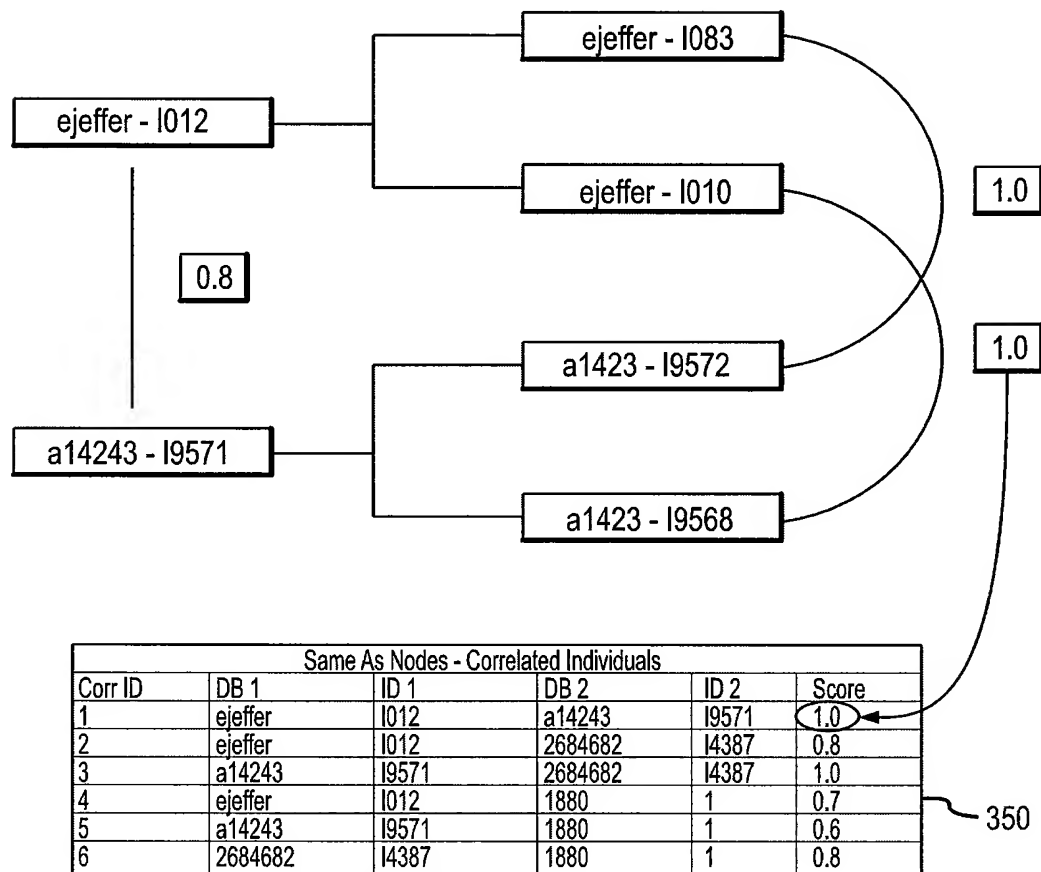


FIG.3N

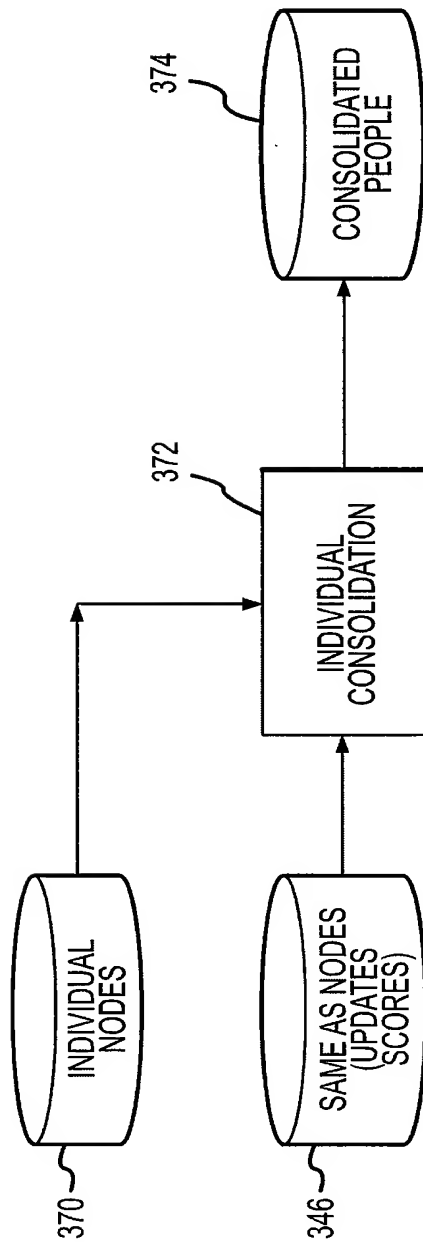


FIG.30

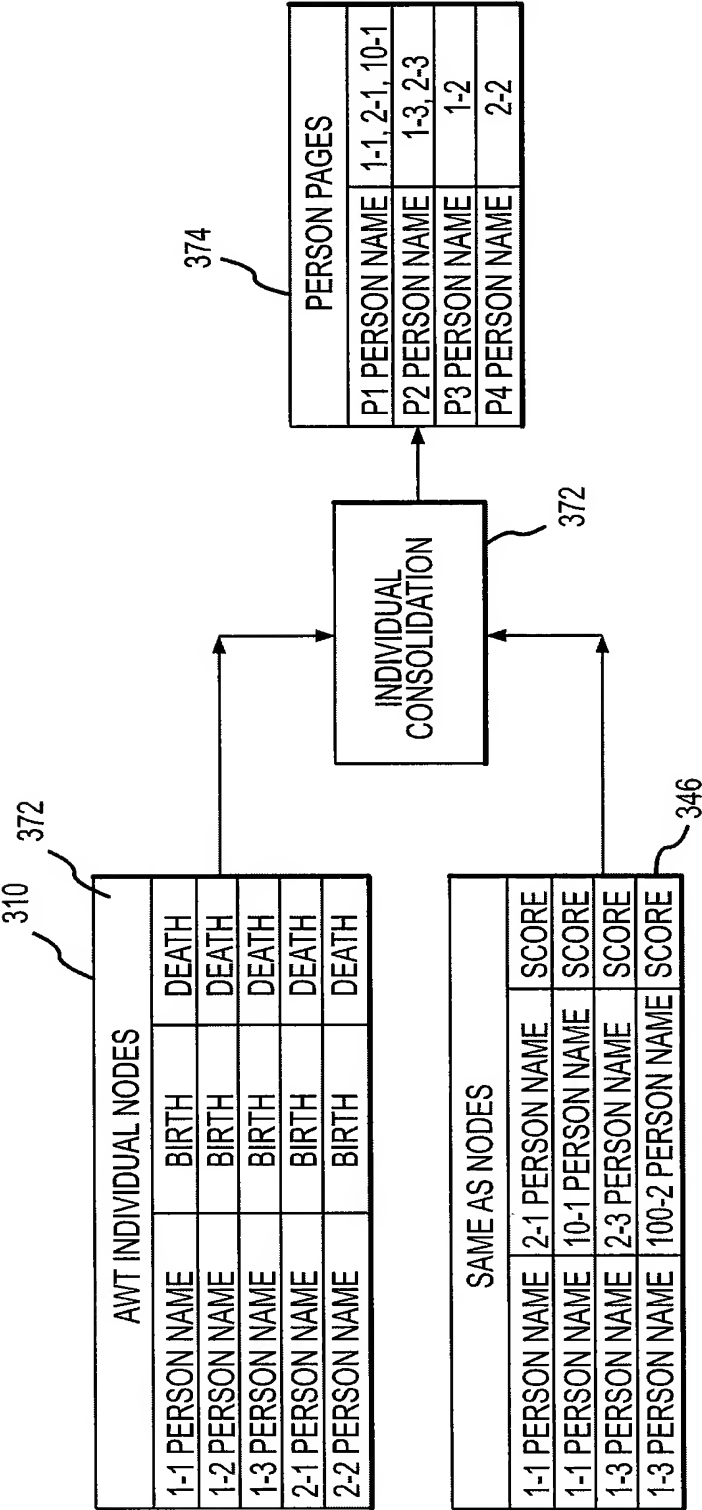


FIG.3P

382

John William Jefferson			
AKA: John Jefferson			
Birth/Death			
Birth	03 Dec 1870	Lineville Ia, Mercer County Mo.	
Death	09 Aug 1951	Cannon City Fremont County Co.	
Alternate Birth/Death			
Birth	03 Dec 1870	Lineville, Mercer Co., MO	
Death	09 Aug 1951	Del Norte, Rio Grande Co., CO	
Relationships			
Spouse:	Dora Jane Grisamore		
Father:	Henry Harrison Jefferson		
Mother	Mary Elizabeth Thomas		
Alternate Relationships			
Spouse	Dorajane Grisamore		
Father	Henry Jefferson		
Mother			
Sources:			
AWT	eieffers	1012	
	a14243	19571	
	2684682	14387	
1880	1		

350

Correlated Individuals			
Corr ID	DB 1	ID 1	Score
1	eieffer	1012	97
2	eieffer	1012	97
3	a14243	19571	100
4	eieffer	1012	75
5	a14243	19571	75
6	2684682	14387	75

380

Persons	
Person ID	Sources
1	eieffers-1012, a14243-19571, 2684682-14387, 1880-1

FIG.3Q

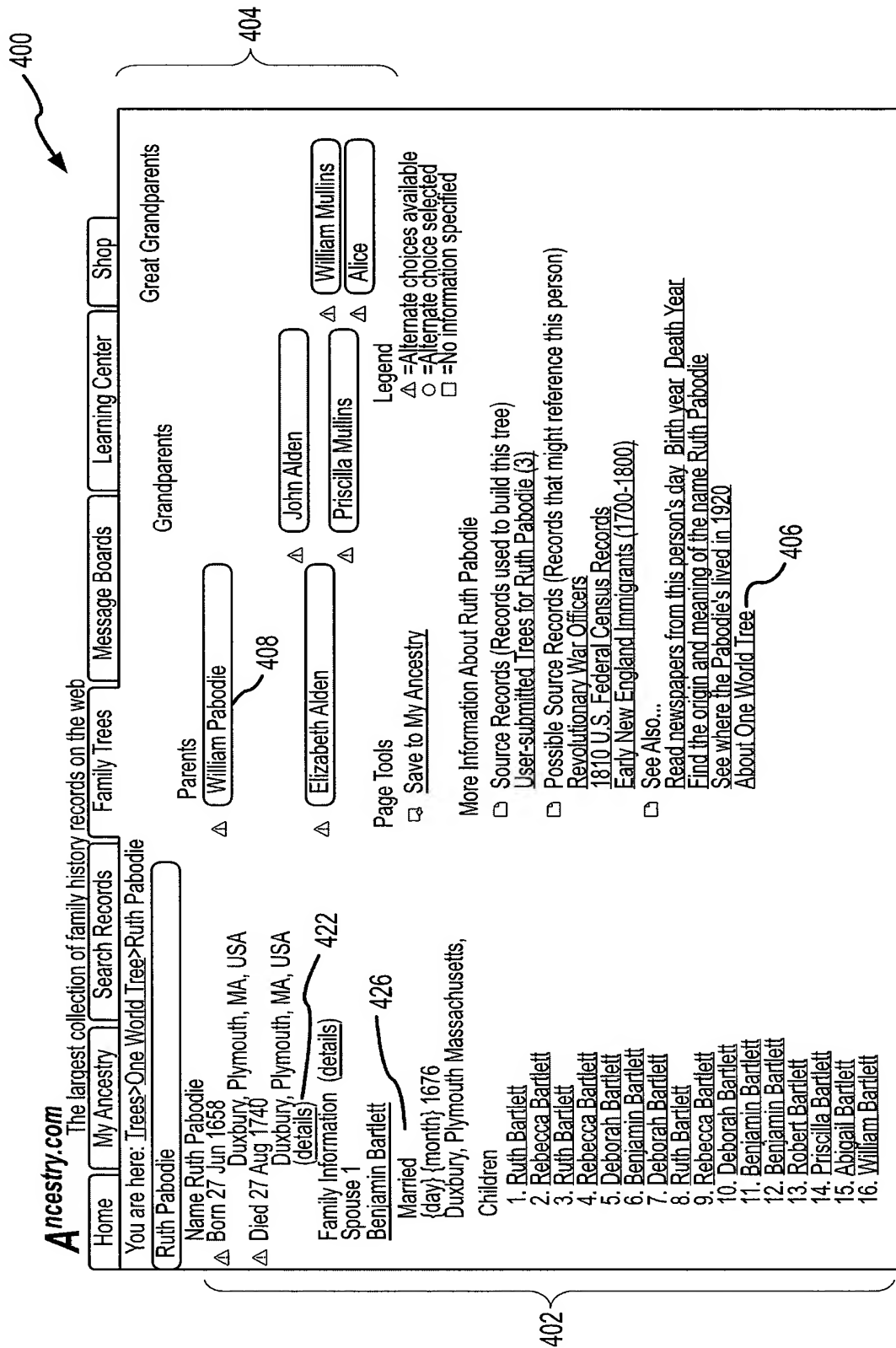


FIG. 4A

410

Ancestry.com

The largest collection of family history records on the web

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Choose an alternative father for Ruth Pabodie

Based on current data, Ancestry's One World Tree has marked the information below with an asterisk (*) to indicate the most likely father for Ruth Pabodie. We will continue to update this information as we find more information about Ruth Pabodie.

If you are certain of a name in the list, click its select button to indicate your choice. If you are not certain of any of the choices, leave the "Use the most likely alternative" option selected, and One World Tree will update the information as it finds more data.

Note: The parent or grandparent that you select may change the other persons in the corresponding line for that parent or grandparent.

418

Done

Parent Information

Father		Grandfather	Grandmother	Spouse(s)
414	* William Pabodie B: [day] [month] 1620 Saint Albans, Herts, England D: 13 Dec 1707 Little Compton, Newport, RI, USA	B: [date] [location] D: [date] [location]	B: [date] [location] D: [date] [location]	Elizabeth Alden Elizabeth Alden
<input type="button" value="Select"/>	416 William Pabodie B: [day] [month] 1620 Saint Albans, Hertford, Engl, D: 13 Dec 1707 Little Compton, Newport, RI, USA	B: [date] [location] D: [date] [location]	B: [date] [location] D: [date] [location]	Elizabeth Alden
<input type="button" value="Select"/>	William Peabody B: [day] [month] 1620 St Albans, Hertford, England D: 13 Dec 1707 Little Compton, Newport, RI, USA	John Peabody B: [day] [month] 1589 St Albans, Hertford, England D: [day] [month] 1655 Bridgewater, Plymouth, MA, USA	Isabell Harper B: [day] [month] 1592 St Albans, Hertford, England, D: [day] [month] 1664 Plymouth, Plymouth, MA, USA	Elizabeth Alden
<input type="button" value="Select"/>				

Selected > Use the most likely alternative.

* Most likely alternative

Done

412

FIG.4B

FIG. 4C

FIG. 4C